

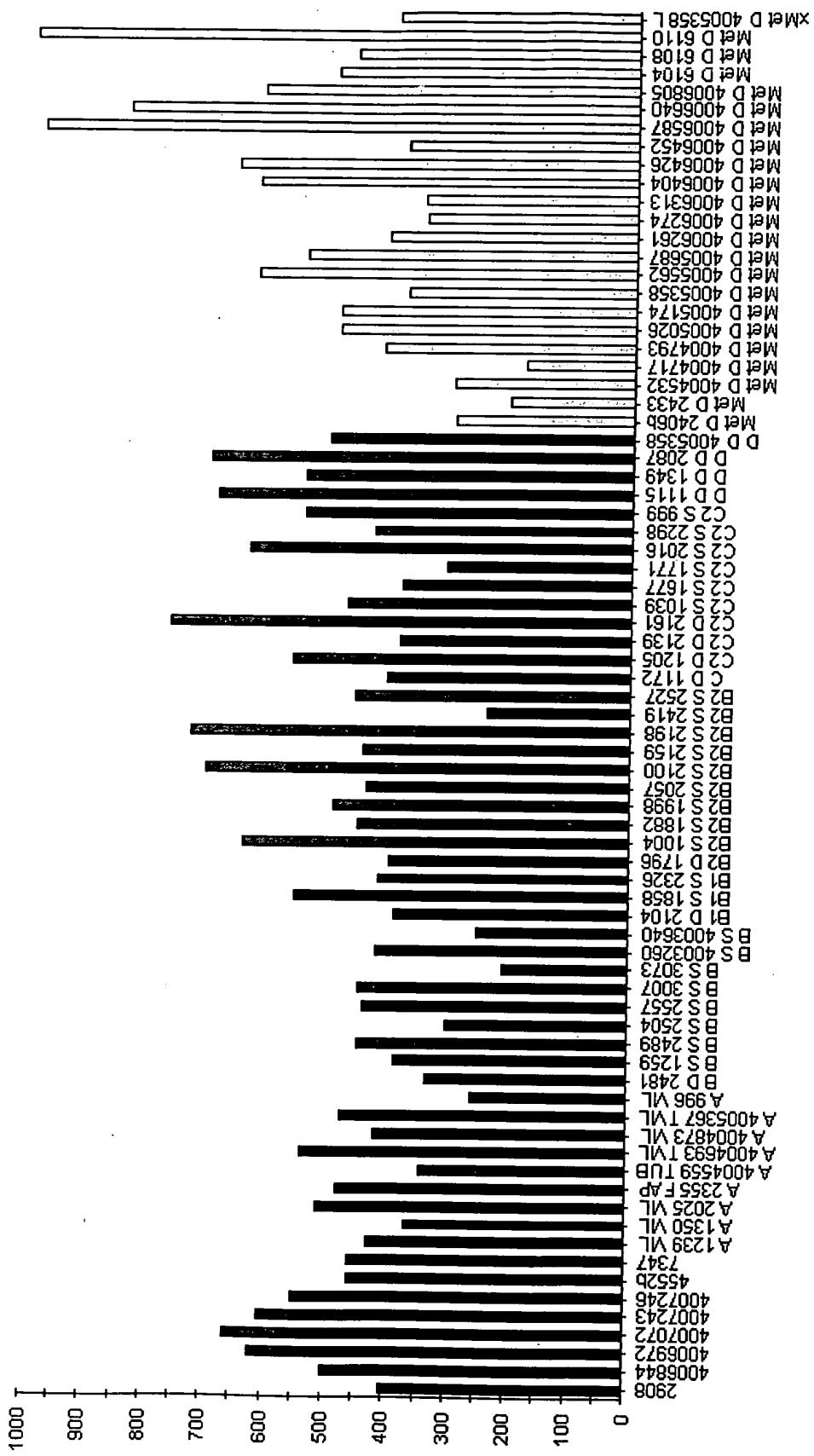
FIG 1

CGGCACGAGGGCGCAGTCGAGGCCTGGACGX-TACGGGCTCCTGGAAAGGAGACACCAGCATTGCCACAAT
GCTGTCATCCACTGACTTACATTGCTTCTGGAGCTTGTGGTCCCGTGACCATCCAATGAAGAGC
AGCAGAAAGACGTACACTGAGAGTATCTGGAGACCTTCACGTTGGAGGAGTGATGCTCAAGTTAGTAGAA
CAGATCAATATATCCAAAGACTGGTCAGACTTGTCTTGGTGGGAACAGAACGATTGCTGGCTCTGAA
AACCCACTGGACCTGGACAAATATGGGTCCAGGCAGATGCAAAGCTCTTCACCCCTCAGCATAAAA
TGCTGCGCCTCGTCTGCCGAATTGAAGATGGTGGAGTTCAGCTCAGCTGTGGTTTTAAA
GCTGTCAGTGTATCTGCAAATCCTGAATATTAGAAGATCAGAACAGCTTCTTGTAAAGCCGTCTGG
TGACTATTTAAGAAGAAGAAGAAAAAGACAAAATAAGGAACCCATAATTGAAGATATTCTAAACC
TGGAGAGTTCTCCAACAGCTCAGGTTCATCAGTAAGTCCTGGTTATACAGTAAAACCATGACCCCTATA
TATGACCCCACATGGAACACCAGCATCCACCATGACTTGTTCAGTGCACAGCCCTTGACGGAACA
AAACTGCAGCATCCTCGCATTCAAGCCAACCCCCCAGTCCCCAGAACGACTTGCCTGAGTATGTACCGCCTC
GGTCTCTGGTTGATAAAGCCAAGCTCAATGCAGGTTGGCTAGACTCCTCACGCTCCCTATGAAACAAGGC
ATCCAAGAGGATGAGCAGCTGCTTACGATTTAAATATTCTTCTTCAGCTGAATCCTAAATATGA
TGCTGTCGAATAACCAACTCTATGAGCAAGCCAGGTGGGCCATTCTCTTAAAGAAATTGATTGACAG
AGGAAGAAATGTTGATCTTGCACTACAGTACCATAGCAAACACTGTCGTTGTGCTGAAACACAG
GATTTGCAAGCGAGTCCAGGTTGATGAAATAGAAGCGGGCGCTTCTAATTGGAAGTAACCTCTAGAAGG
TGGAAAAGCGGACAGCCTTTGGAGGACATTACTGATATCCCTAAACTTGCAGATAATCTCAAATTATTTA
GGCCAAGAAGTTACTACCAAAAGCTTCAAACAAATATTGGTTATCTTAAAGACACATCCATAGCATAAC
TTTAAATAAGGAACCTGAACAAGGAGAACCACTAGAAAAACTAAATCTTAGAGGCTGCAAGTTGTGCC
CGATGTAATGTAGCAGGAAGAAATTGGAATCAAGTTACTAATCCCTGTTGCGATGGTATGAATGAAA
TGTATTGAGATGTGACCATGAGAATCAATAGCCCAATGGATGGCTGCGTGCATGTTGCGATCGAAGGGC
AAAACCATGGCAGACAGCTCCTACCAGCCAGGGCTCAACATCCTTCTTCAATTCTGAGGATGAAAACAG
GAACTCTGCATCTCAGGTGGCTTCAGTCTGAAAACATGGATATGAACCCAGAATGTTGTGCAACC
GGTGTGAAAGAAACACAAATCCAAACAGCTGGCCGGGATCTGGAGGGCGACCAGAACGTGGCCAG
ATGCCCTGGCGAAGCCAAGCTGCGGTTCATCCAGGCGTGGCAGTCAGTGCCTGAGTTGGCTCACCTA
CTACCTGTCAAGATTTAAAGGAAGCAAAAGATGACATTCTGGAGTTCATATAACAGGTTGATTAAAA
TTGATGCAGCACCAGGATTCCAGTGACAACATGGAGATTCAAACAGTGAATGAACTGG
GAAACCCGGCAGGTGGTCATCGAGTTGACCAAACGTCTTACTGCTTCACCTGCGTGAAGTGCAGATTG
CAAGATTGTGACGAGTACATTGGCGCTACATTCTGTCCACCCGCTCAAGGACCAGAAATGAAACAC
TCGATGAGGACTTGTCCACAAATTGACCGGGCTCAGGATTAA

FIG. 2

MLSSTDFTFASWELVVRVDHPNEEQQKDVTLRSQDLHVGGVMLKLVEQINISQDWSDFALWWEQKHCWL
LKTHWTLDKYGVQADAKLLFTPQHKMLRLPNLKMVRLRVFSAVVFKAVIDICKILNIRRSEELSLLK
PSGDYFKKKKKDKNNKEPIIEDILNLESSPTASGSSVSPGLYSKTMPIYDPINGTPASSTMWFSDSP
LTEQNCSILAFSQPPQSPEALADMYQPRSLVDKAKLNAGWLDSRSLMEQGIQEDEQLLLRFKYYSSFFDL
NPKYDAVRINQLYEQRWAILLEEIDCTEEMLIFAAQYHISKLSAETQDFAGESEVDEIEAALSNL
EVTLEGGKADSLLEDITDIPKLADNLKLFRPKLLPKAFKOYWFIFKDTSIAYFKNKELEQGEPLEKLNL
RGCEVPDVNVAGRKF~~G~~IKLIPVADGMNEMYLRCDHENQYAOWMAACMLASKGKTMADSSYQPEVNLIL
SFLRMKNRNSASQVASSLENMDMNPECFVSPRCAKKHSKQLAARILEAHQNVQAQMPLVEAKLRFIQAWQ
SLPEFGLYYLVRFKGSKKDDILGVSYNRLIKIDAATGIPTTWRFTNIKQWNVNWETRQVVIEFDQNVF
TAFTCLSADCKIVHEYIGGYIFLSTRSKDQNETLDEDLFHKLGGQD

FIG. 3A



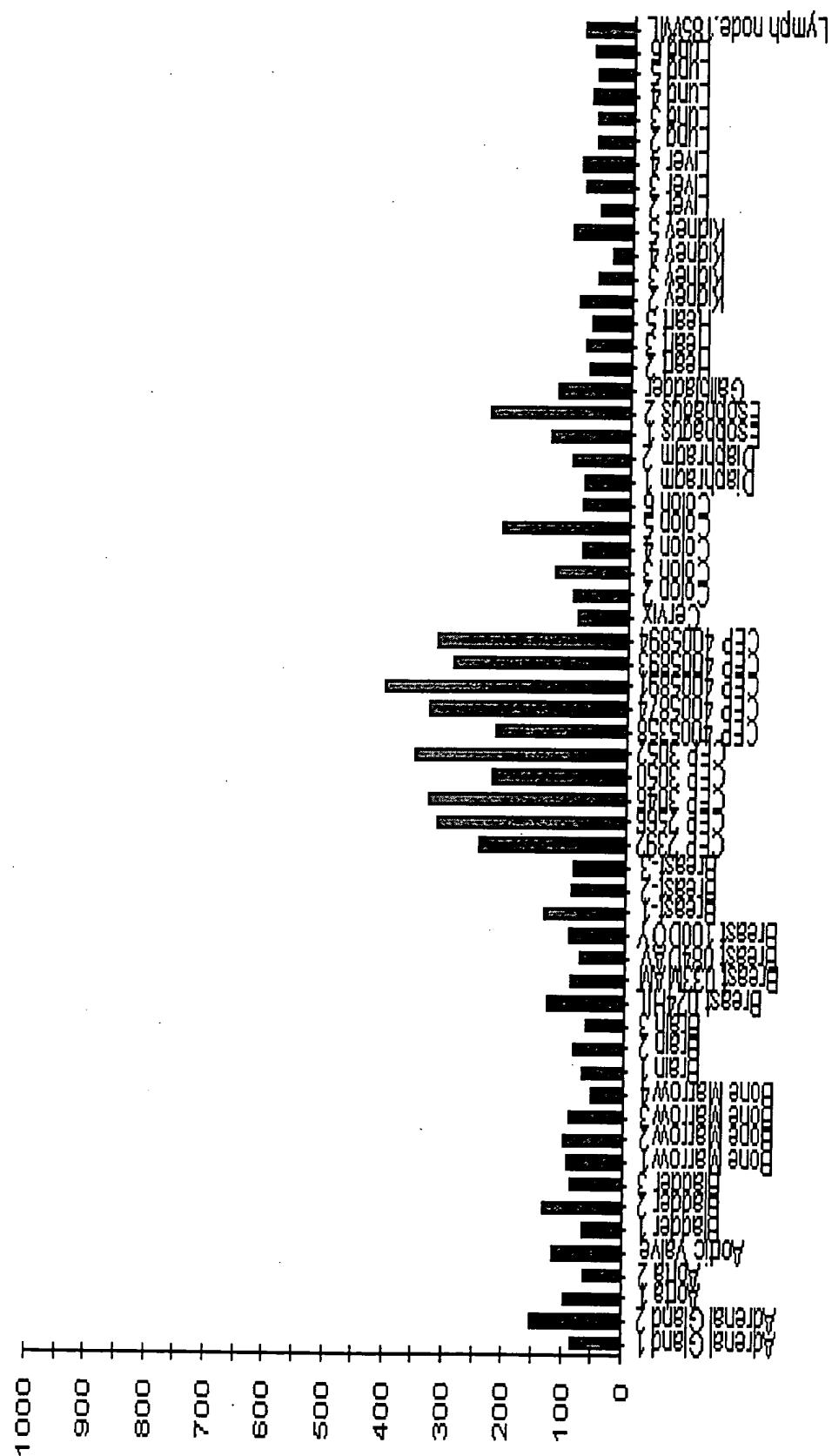


FIG. 3B

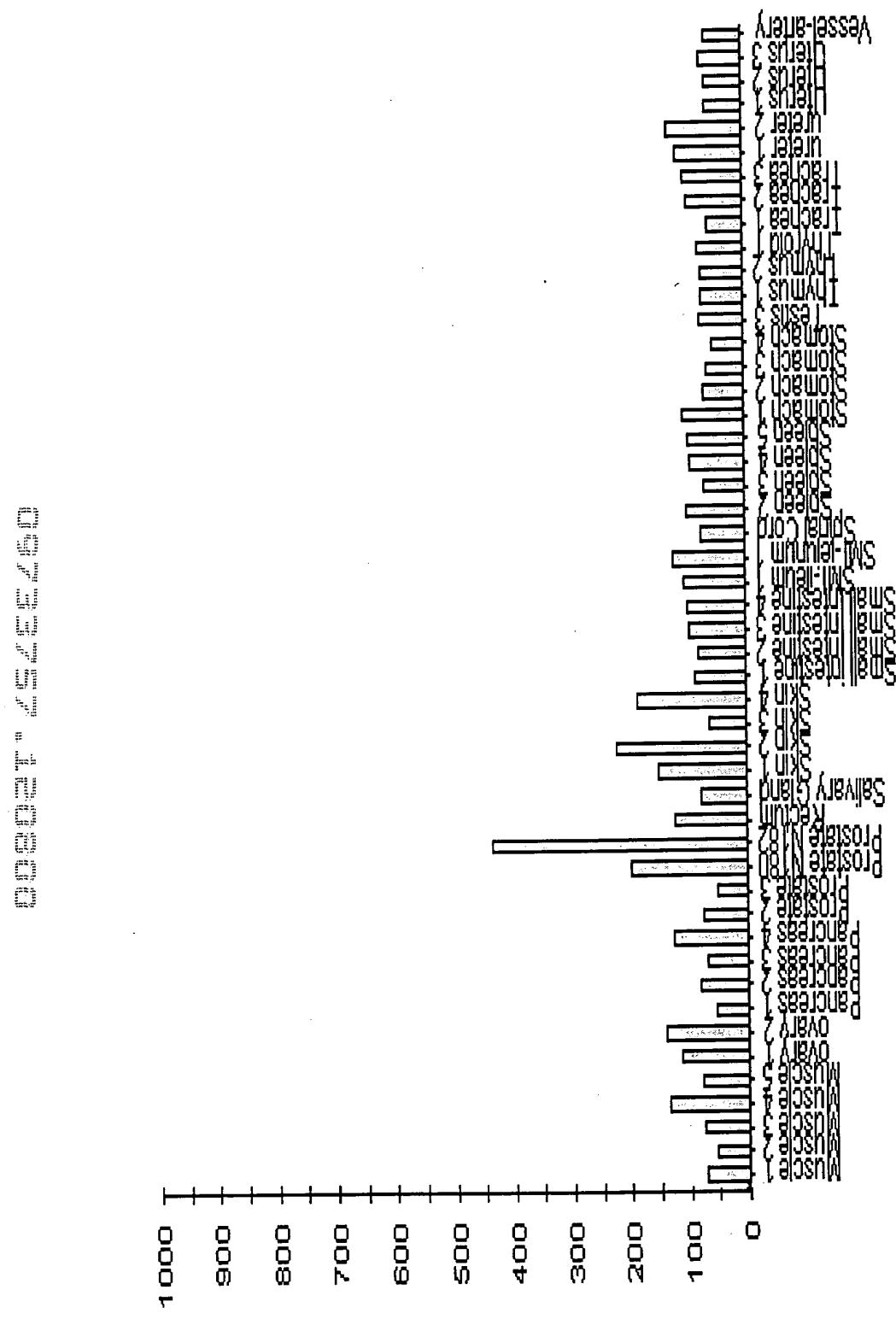


FIG. 3C